

6339409

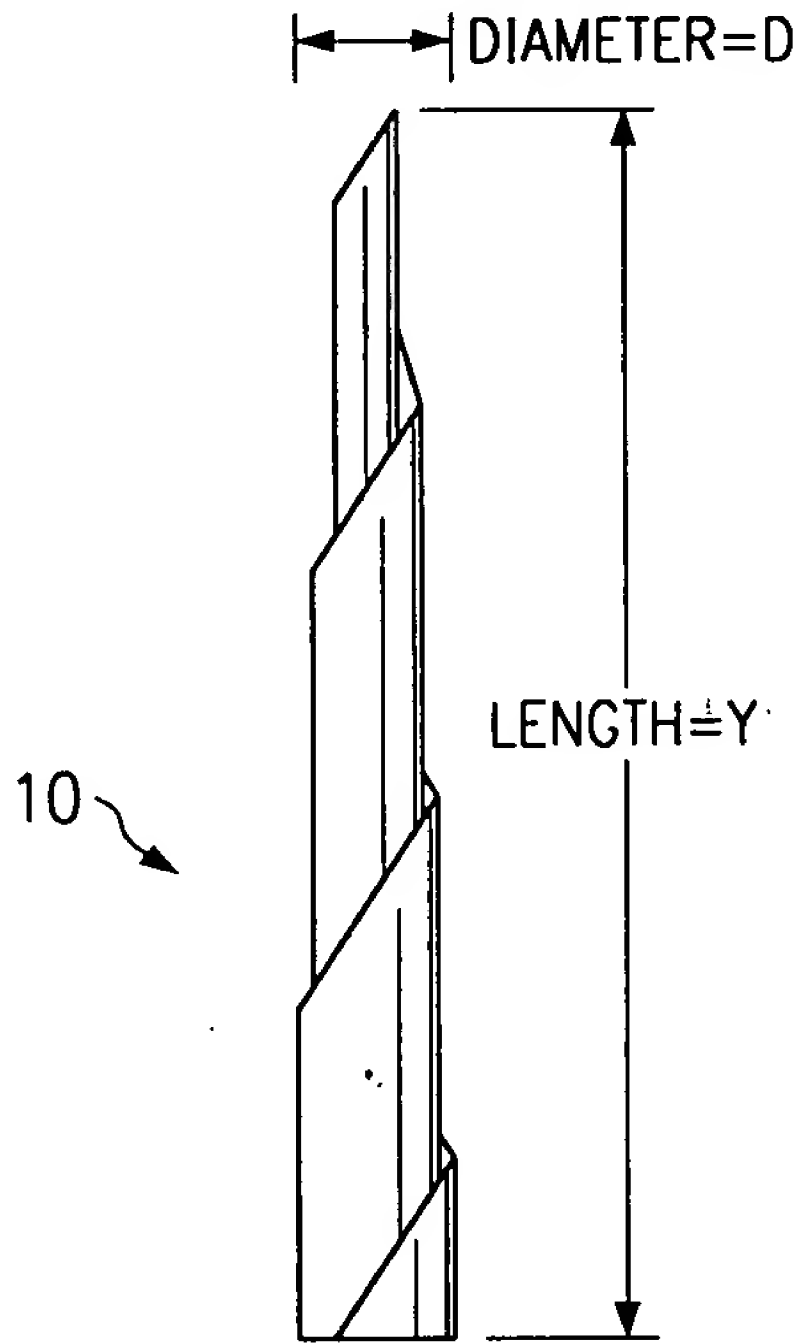


FIG. 1

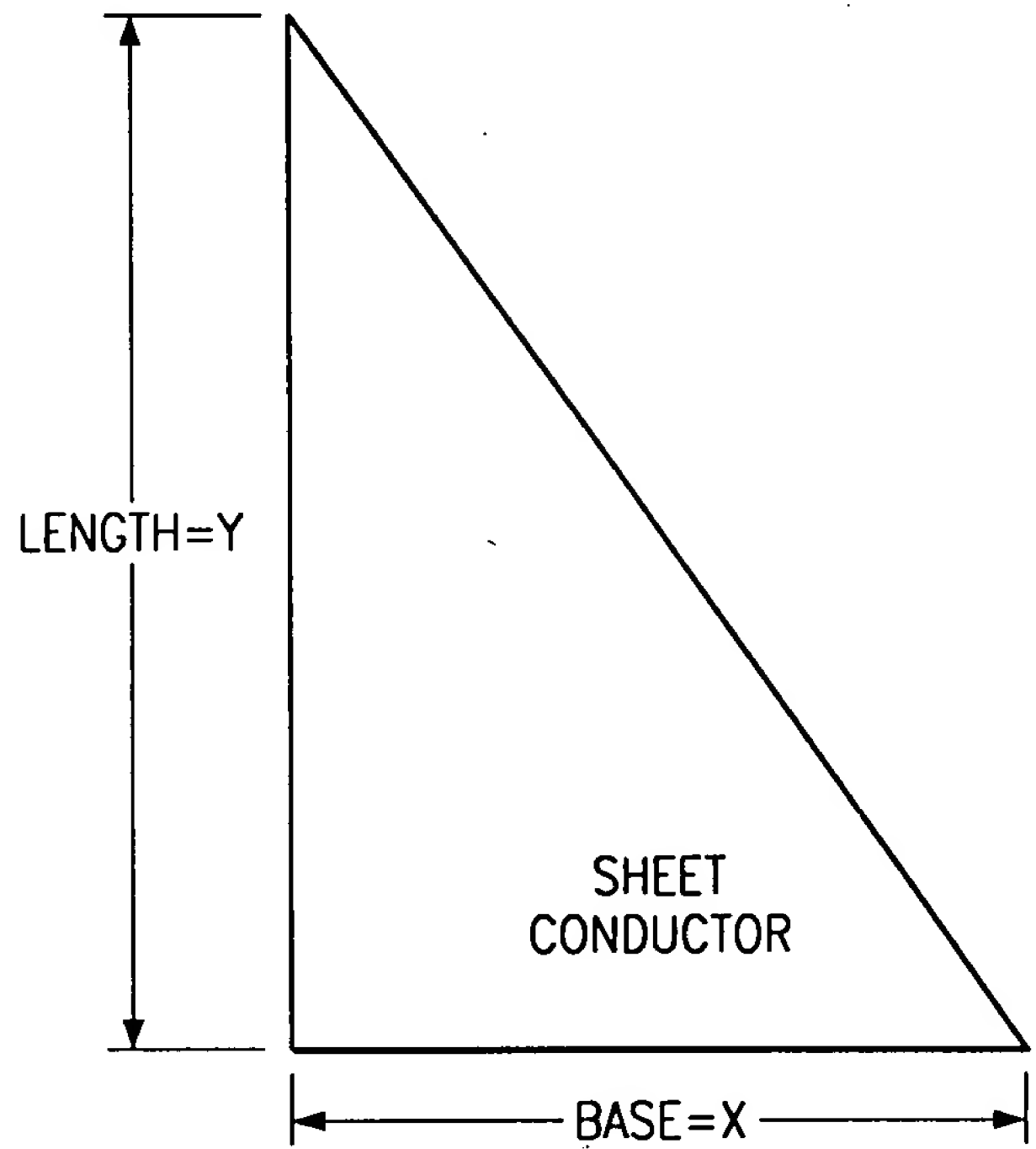


FIG. 3

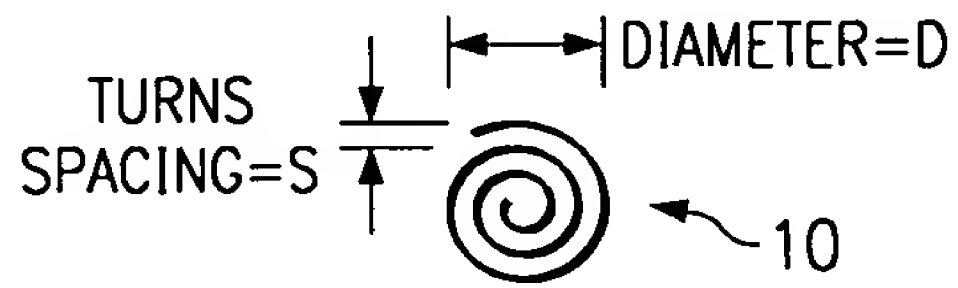


FIG. 2

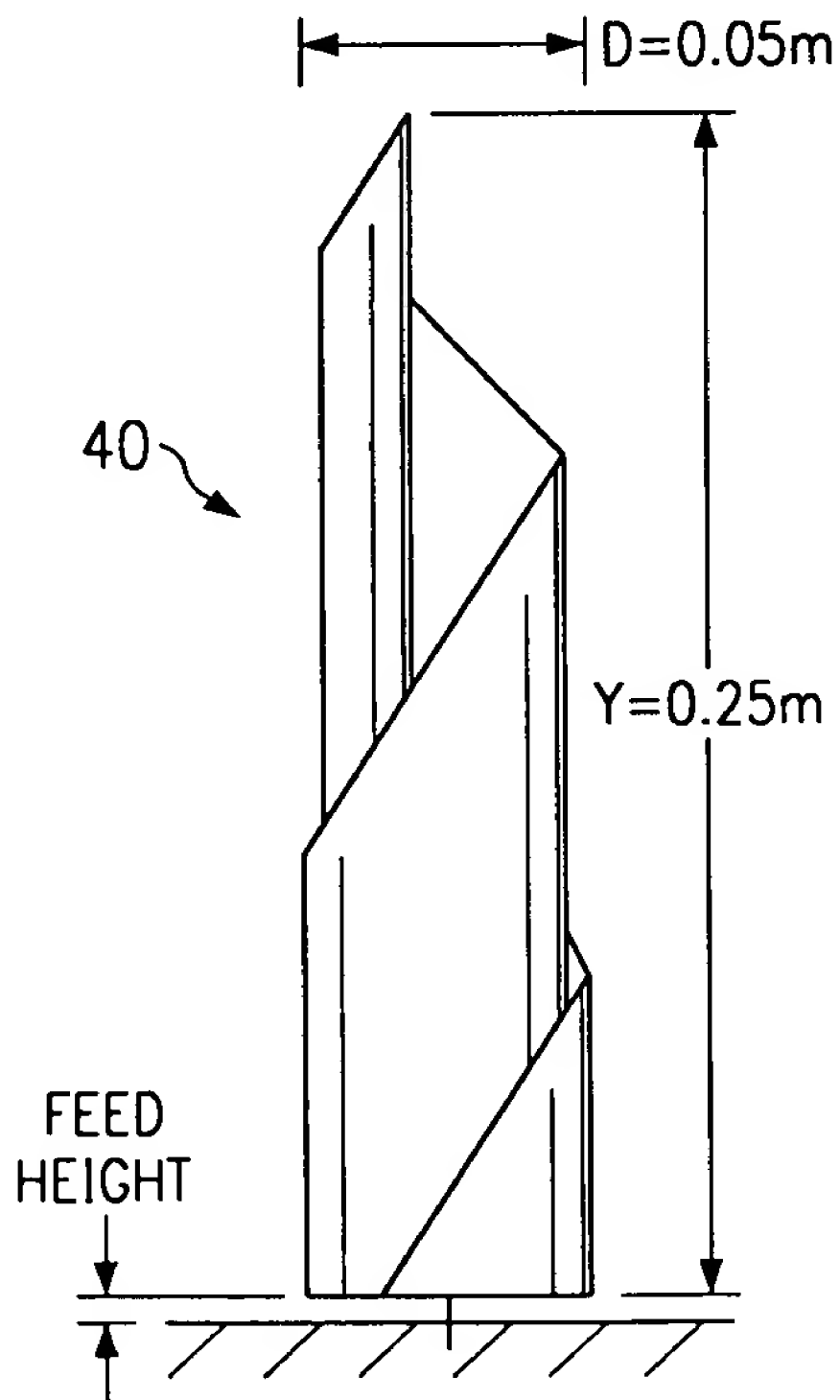


FIG. 4

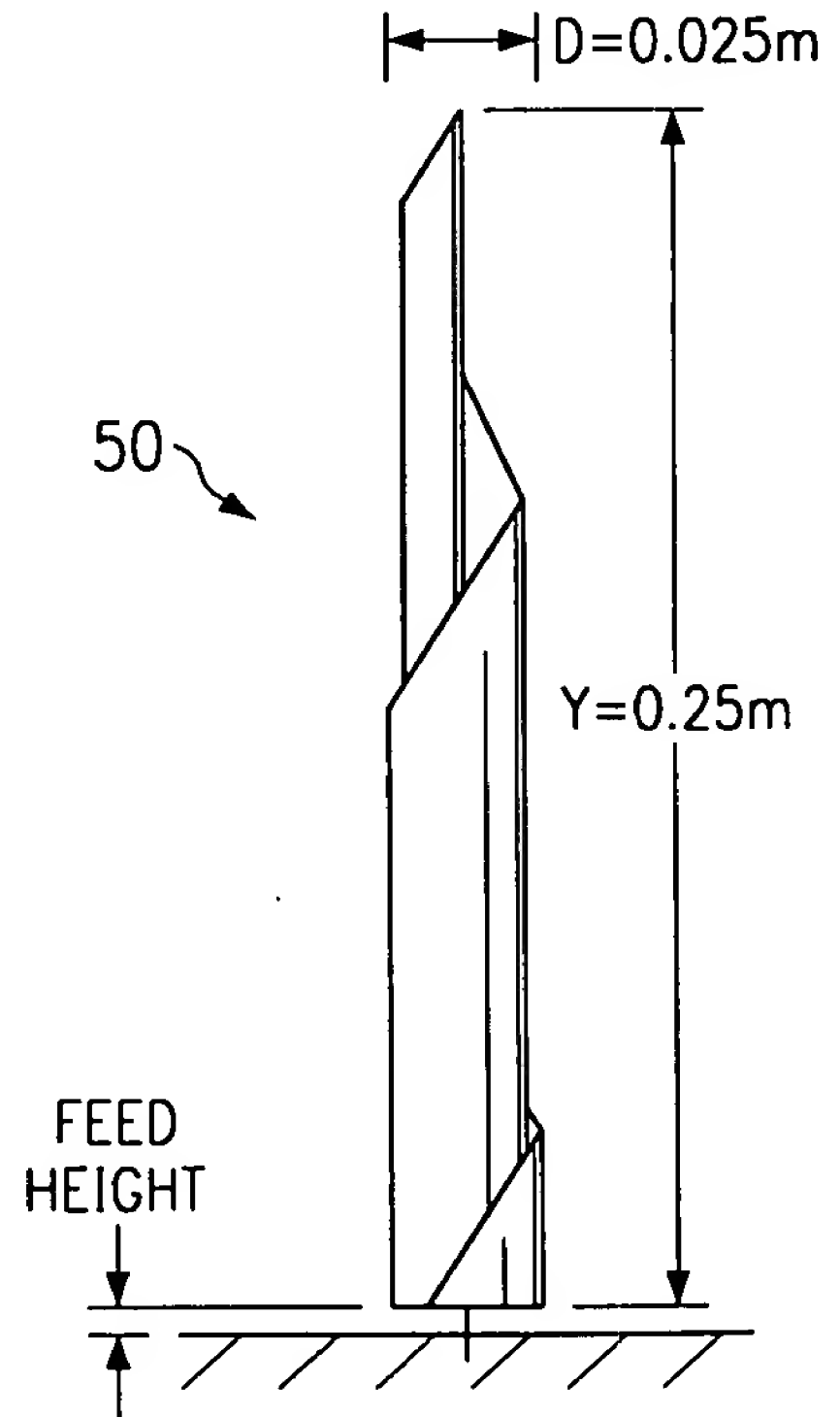


FIG. 5

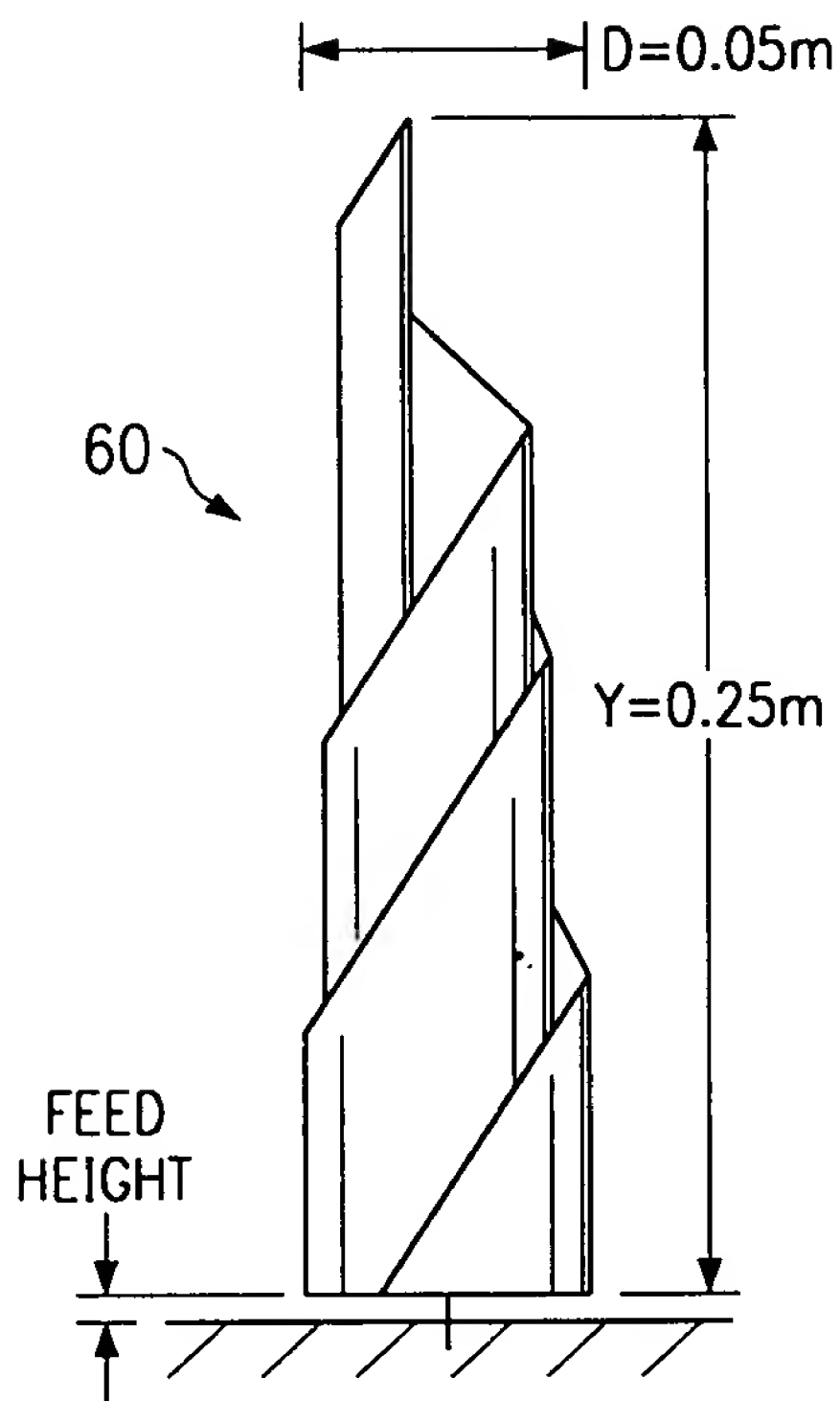


FIG. 6

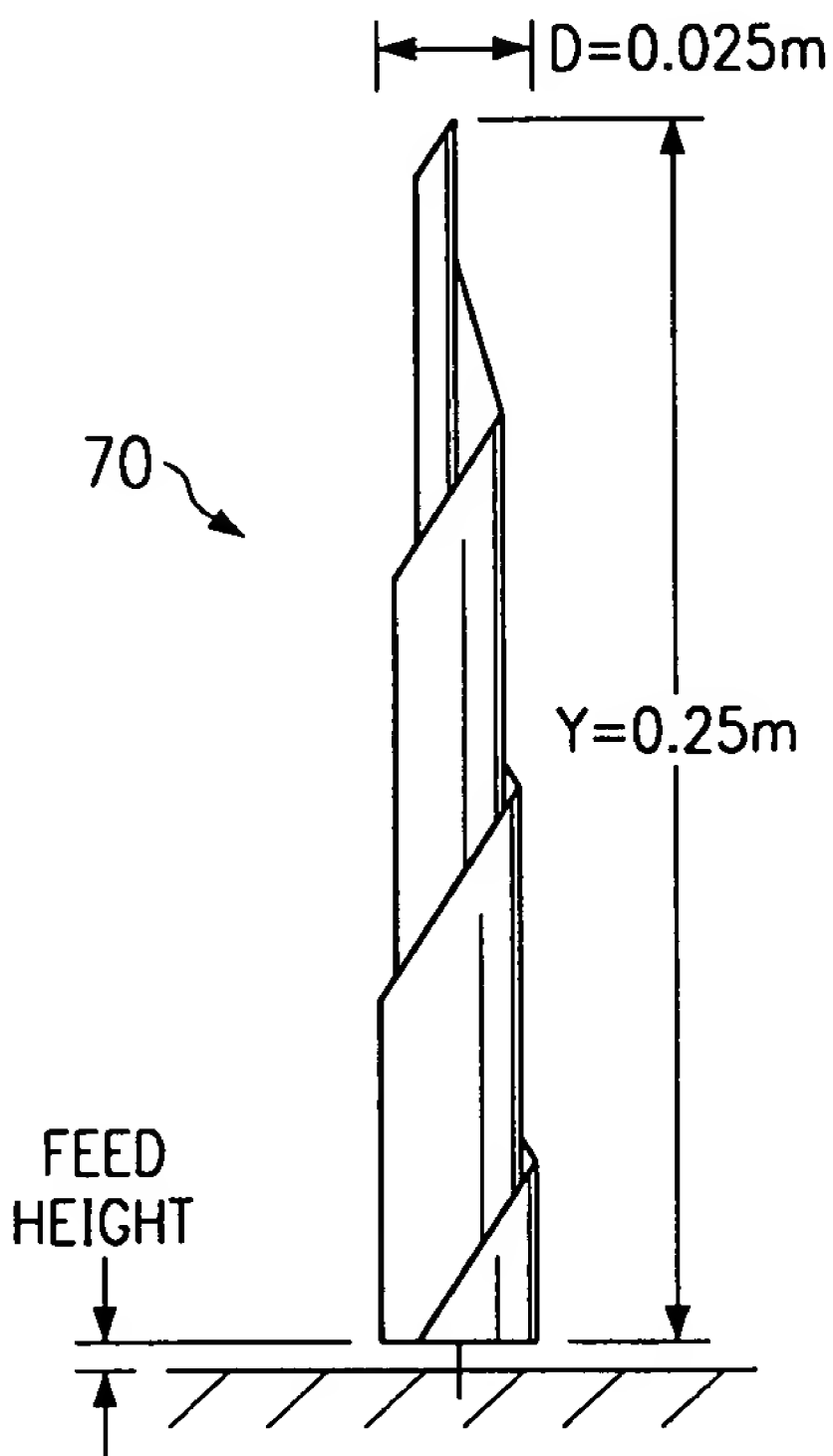


FIG. 7

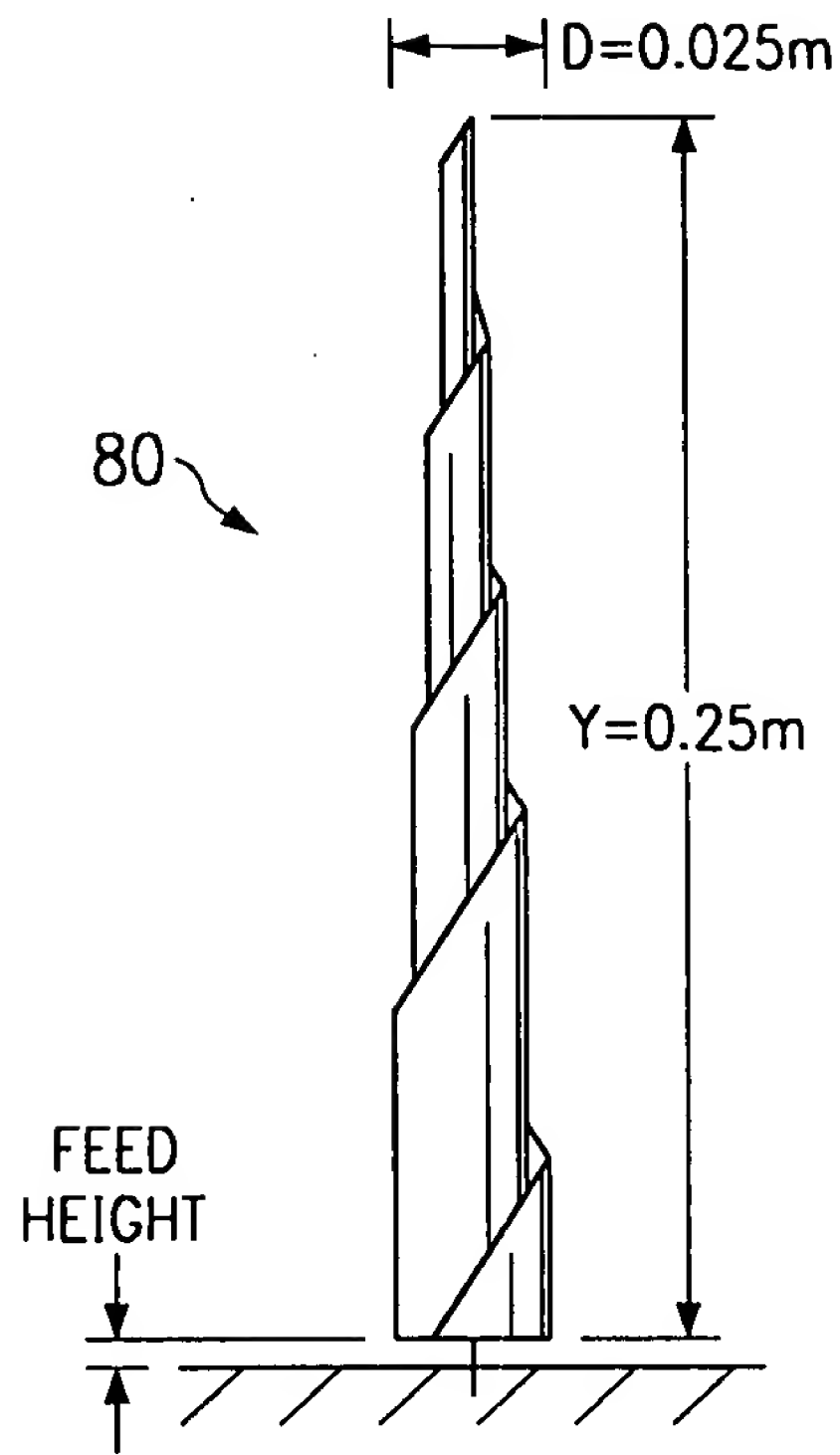


FIG. 8

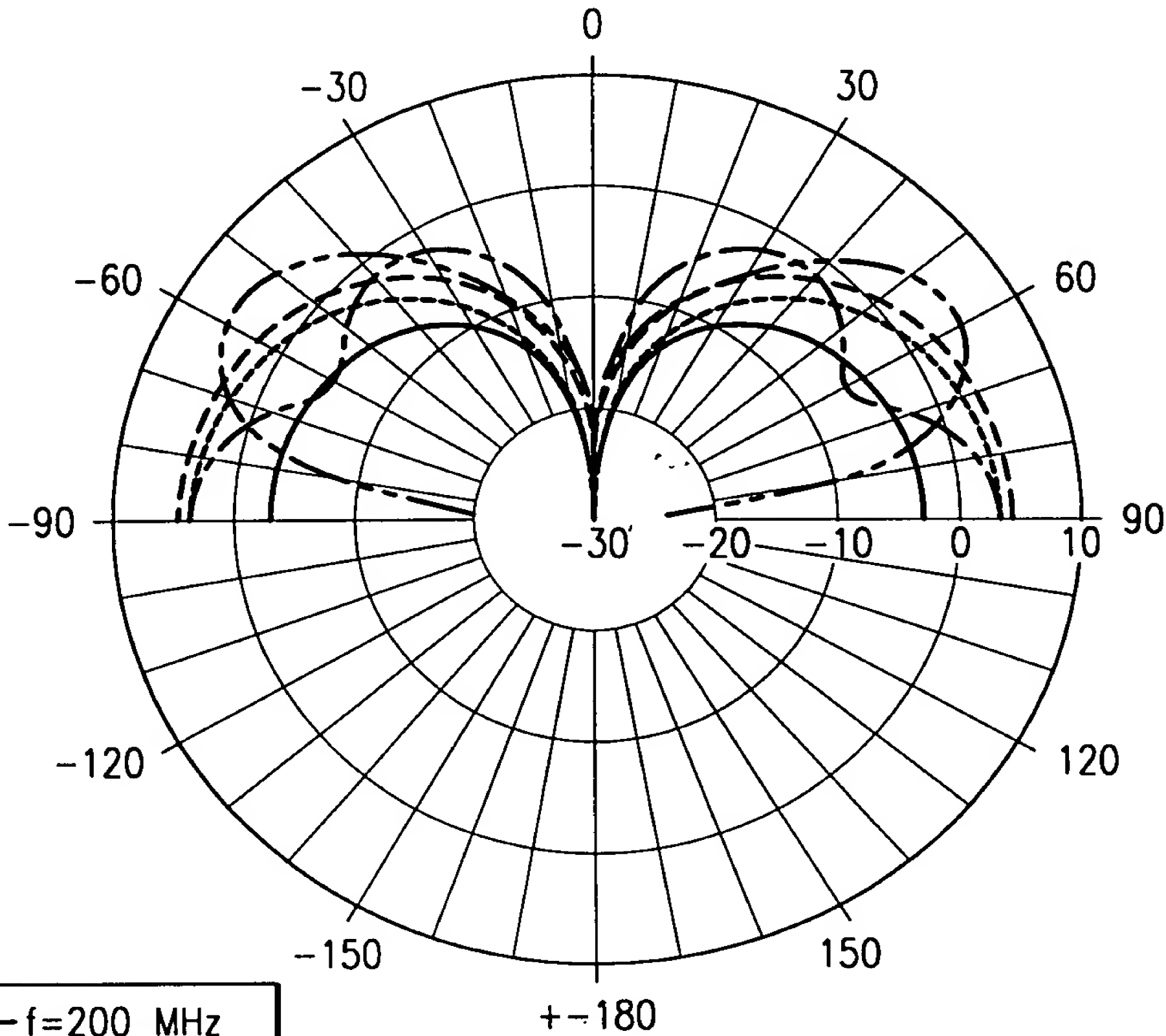


FIG. 9

- f=200 MHz
- - - f=400 MHz
- · - · f=600 MHz
- - - - f=800 MHz
- · · · f=1200 MHz

APPROVED	O.G. FIG. 143	
BY	CLASS	SUBCLASS
DRAFTSMAN	343	895

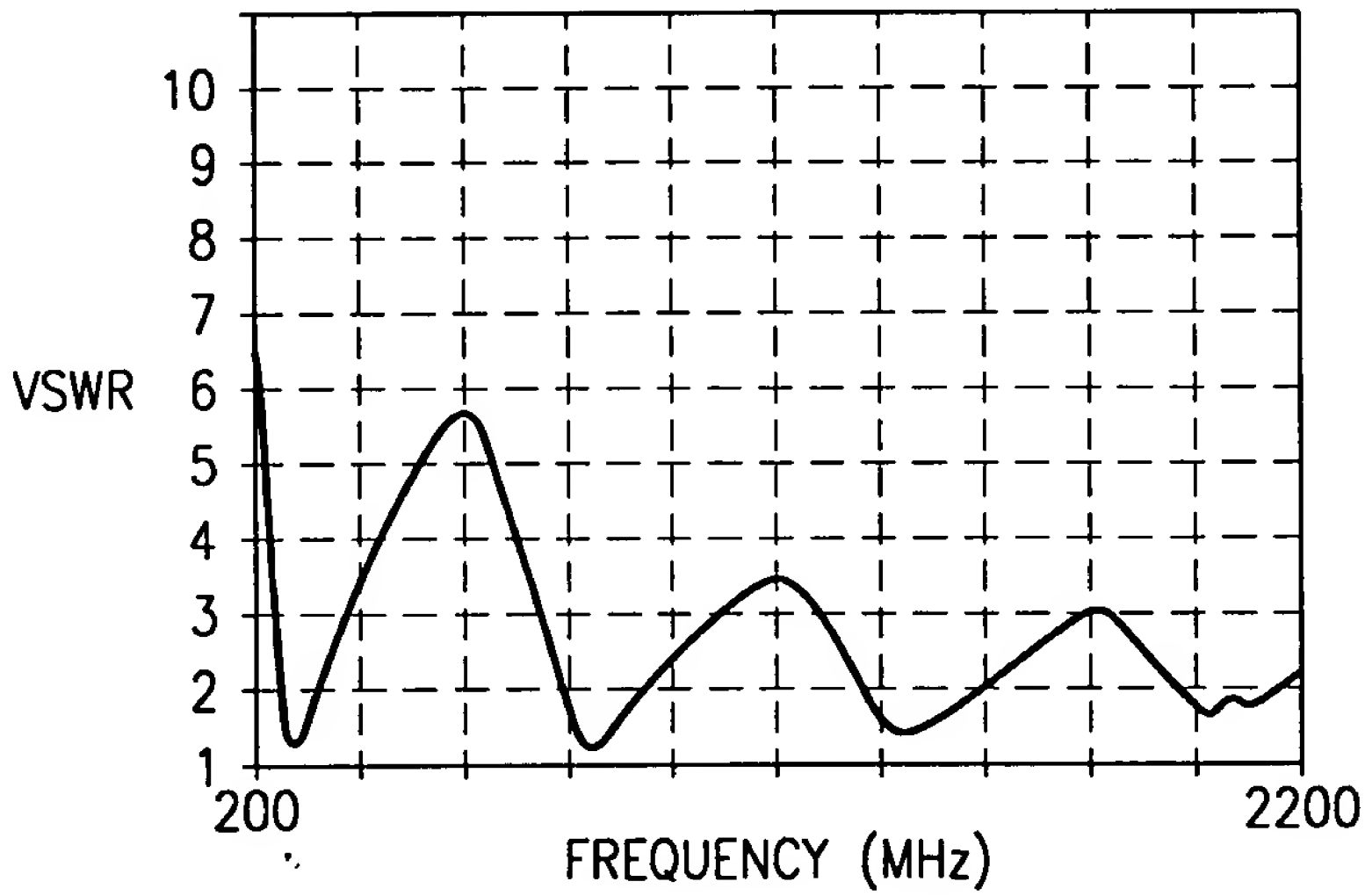


FIG. 10A

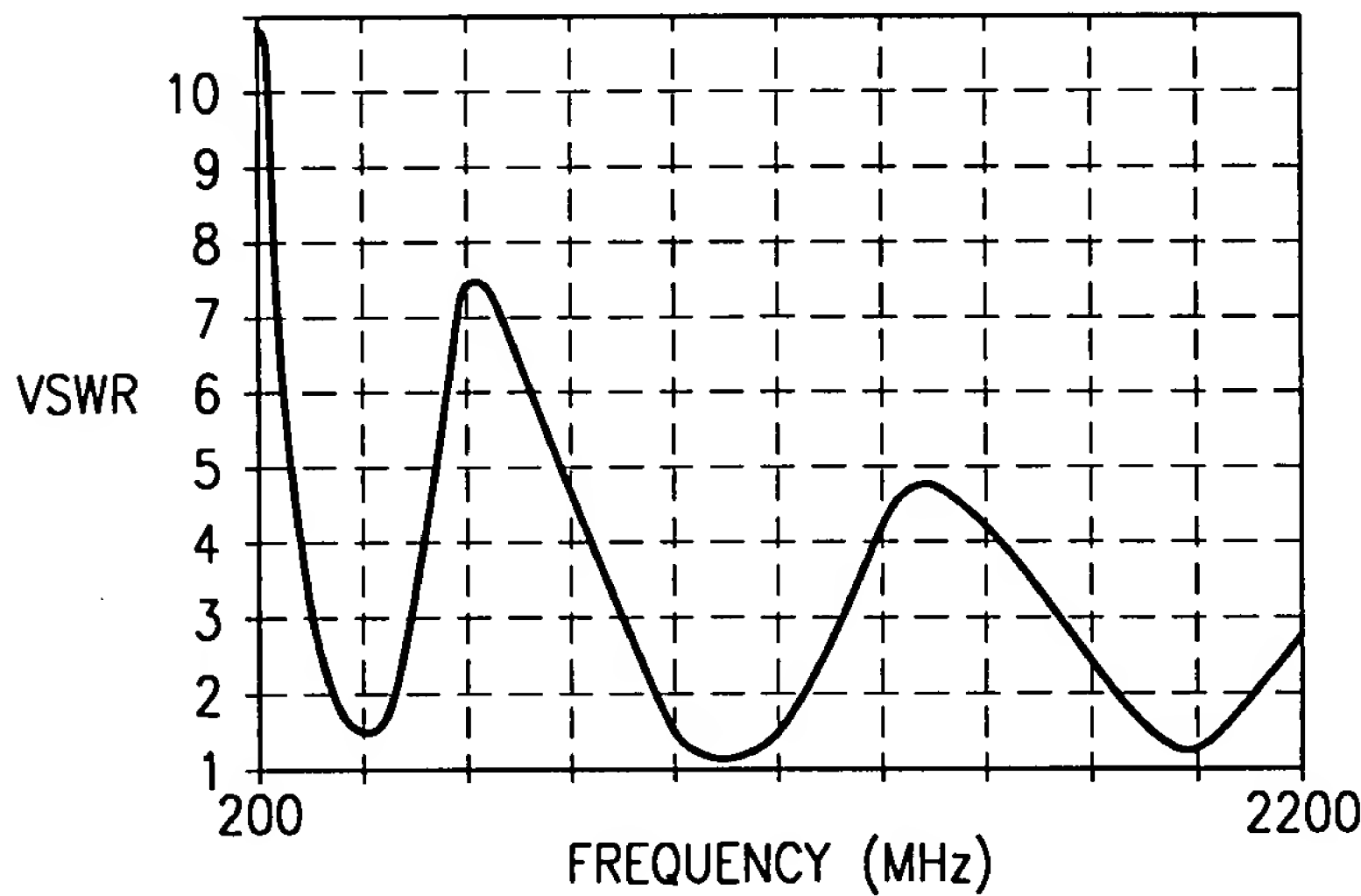


FIG. 10B

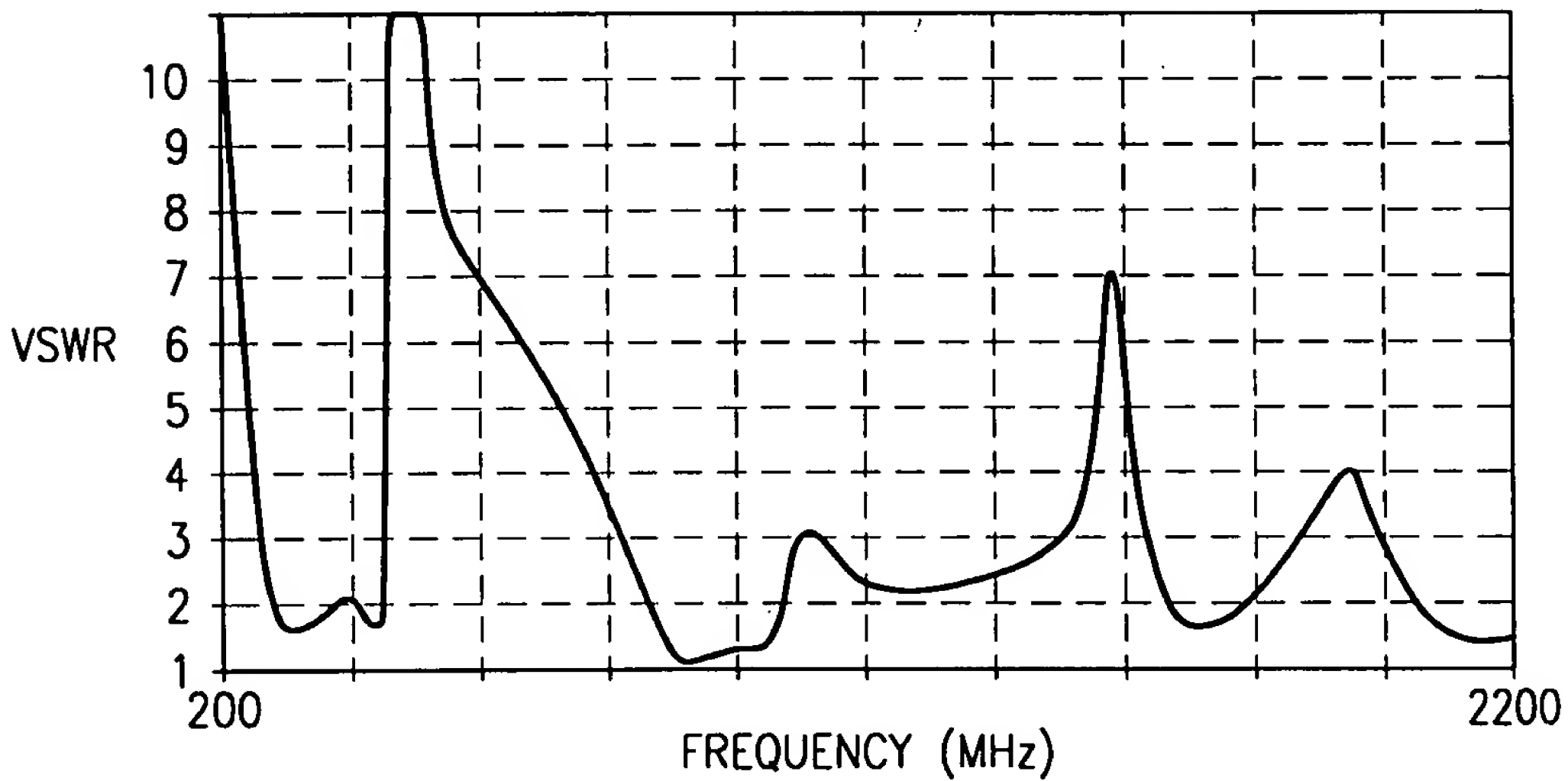


FIG. 10C

FREQUENCY (MHz)	"FAT" MONOPOLE		3 TURN MONOPOLE		UNROLLED	
	SIMULATED	MEASURED	SIMULATED	MEASURED	SIMULATED	MEASURED
260	11.0	11	7.3	7.1	11.0	11.0
320	2.6	2.7	1.5	1.2	4.4	4.4
380	2.0	1.8	2.4	2.2	2.0	2.2
440	2.9	1.2	4.9	3.4	1.3	1.8
500	11.0	11.0	5.8	4.3	2.0	3.4
560	8.8	7.5	6.2	5.4	4.0	6.5
620	7.5	6.8	6.1	5.6	7.1	7.6
680	6.6	5.8	5.1	4.8	9.1	6.9
740	5.0	4.8	3.1	3.2	9.0	5.7
800	3.3	3.3	1.8	1.8	8.1	4.8

FIG. 11

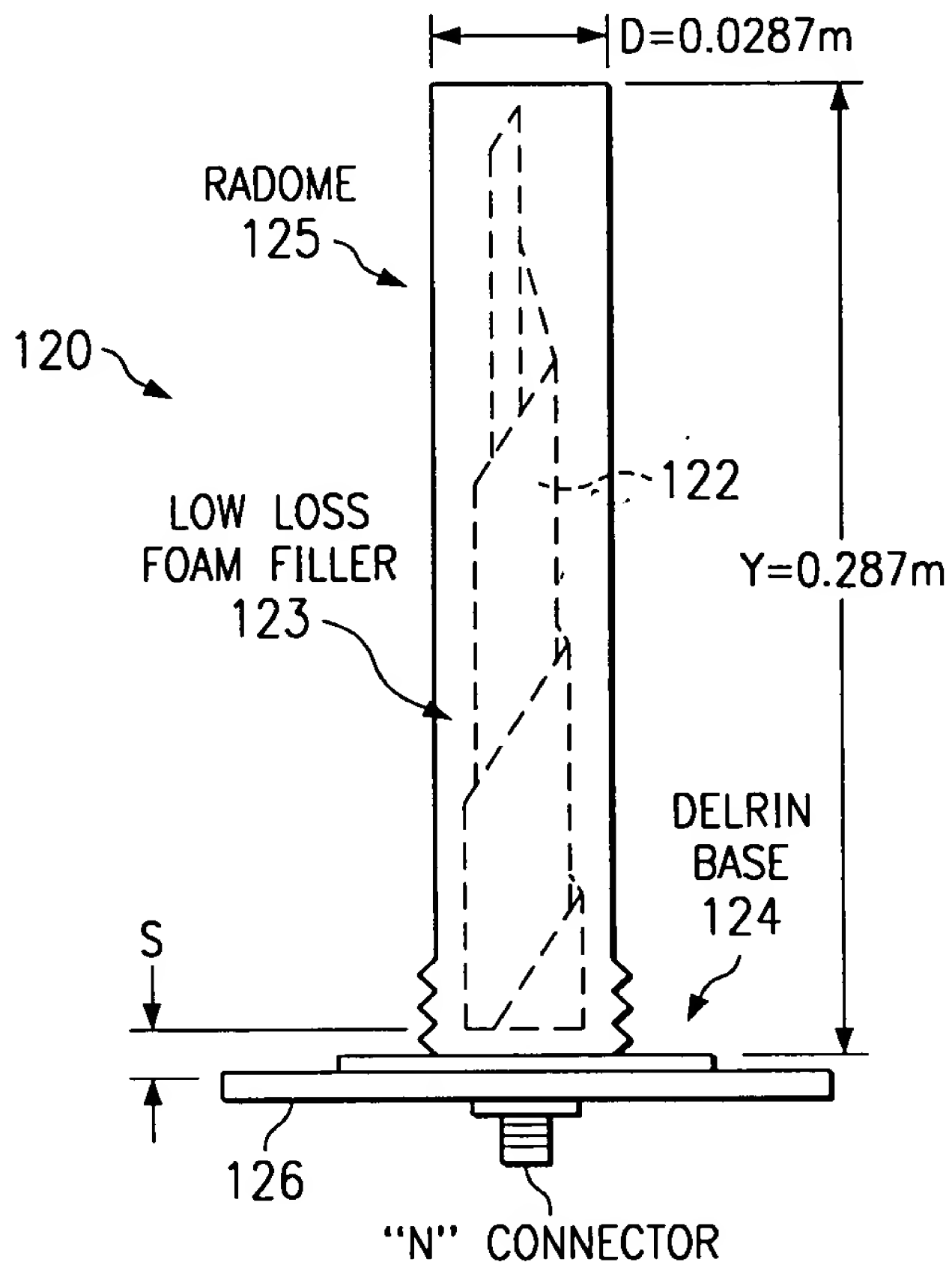


FIG. 12

APPROVED	O.G. FIG. 183	
BY	CLASS	SUBCLASS
DRAFTSMAN	343	895

WIDE BANDWIDTH MULTI-MODE ANTENNA

Inventor: Warnagiris
Express: EL740050786US

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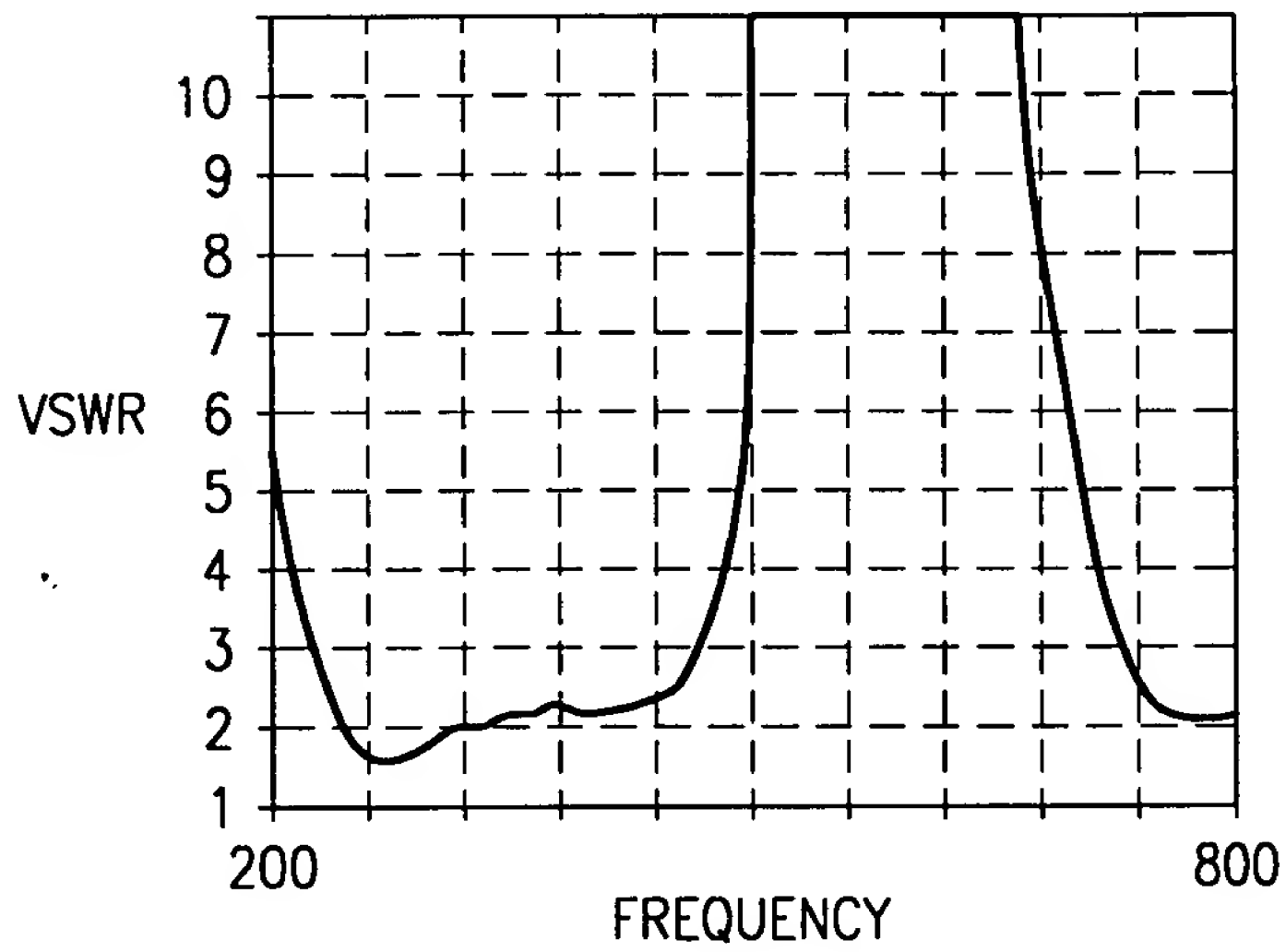


FIG. 13

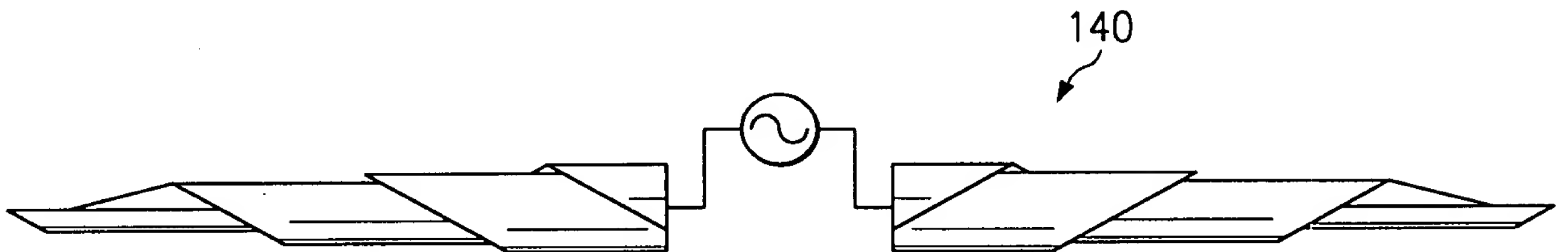


FIG. 14

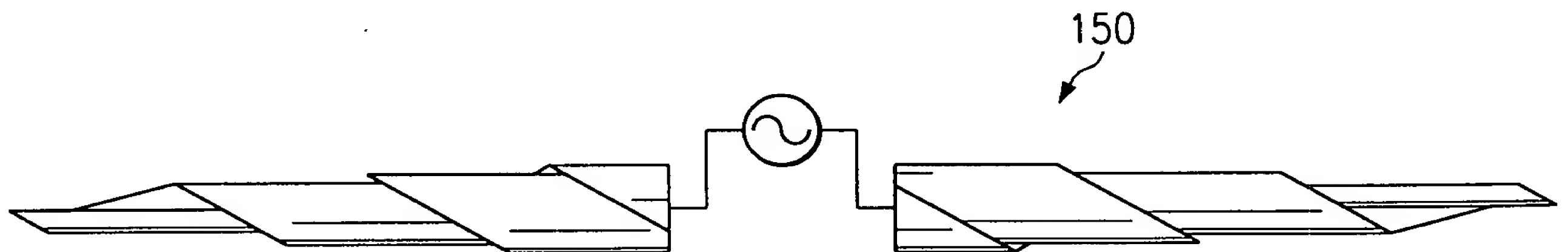


FIG. 15